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Title: Detection of Non-Viral Organisms  
with SRP RNA  
Inventor(s): Boles *et al.*  
Serial No.: Not Yet Assigned  
Atty Docket No.: EXT-072C2  
Attorney(s): TCM/DAW/CHC  
Express Mail Label No.: EL988704341US

## Northern Blot: 7 Bacterial Species Probed with Conserved 22mer from 4.5S

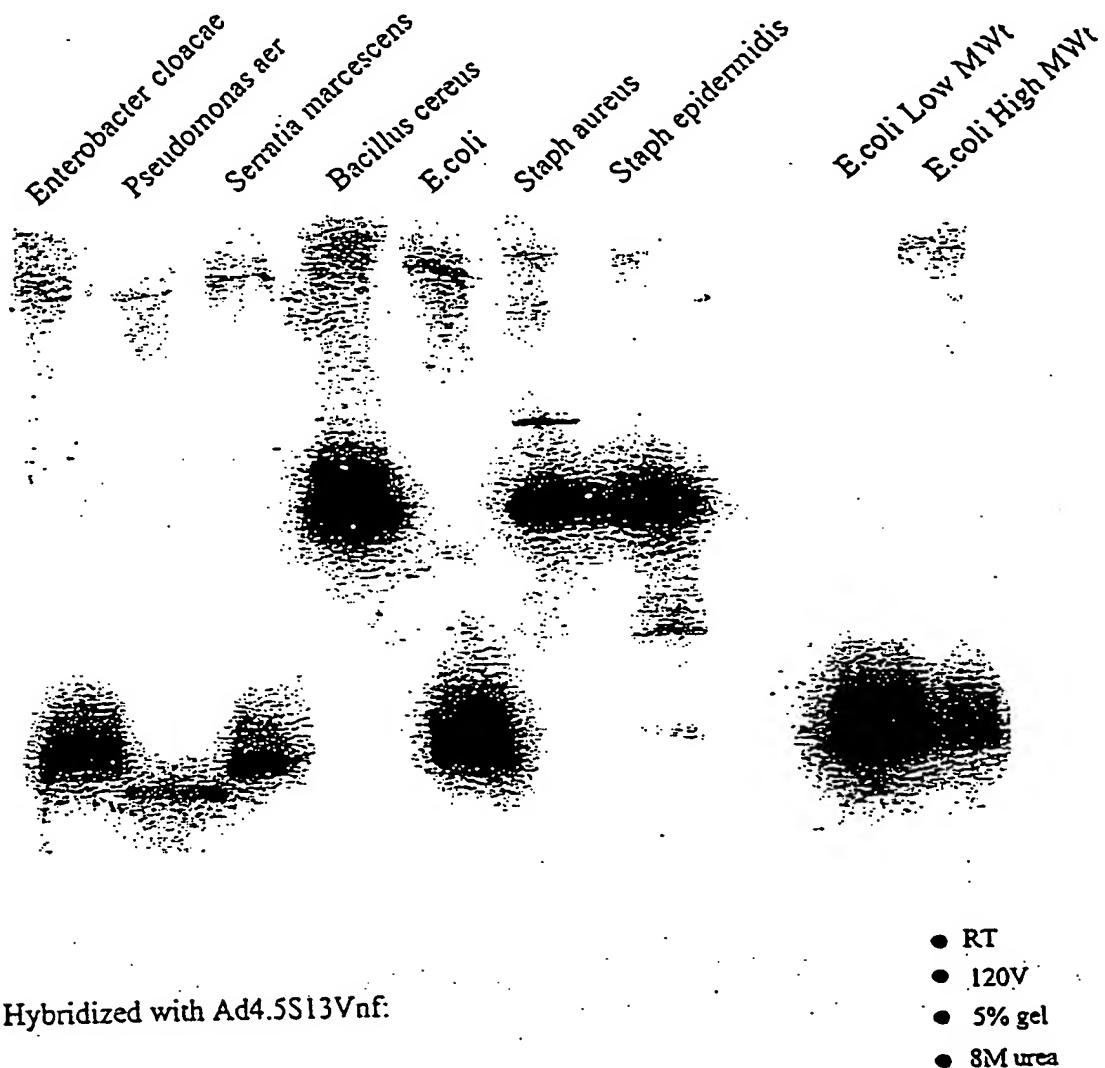


Fig. 1

## Northern Blot to compare abundance of 5S and 4.5S

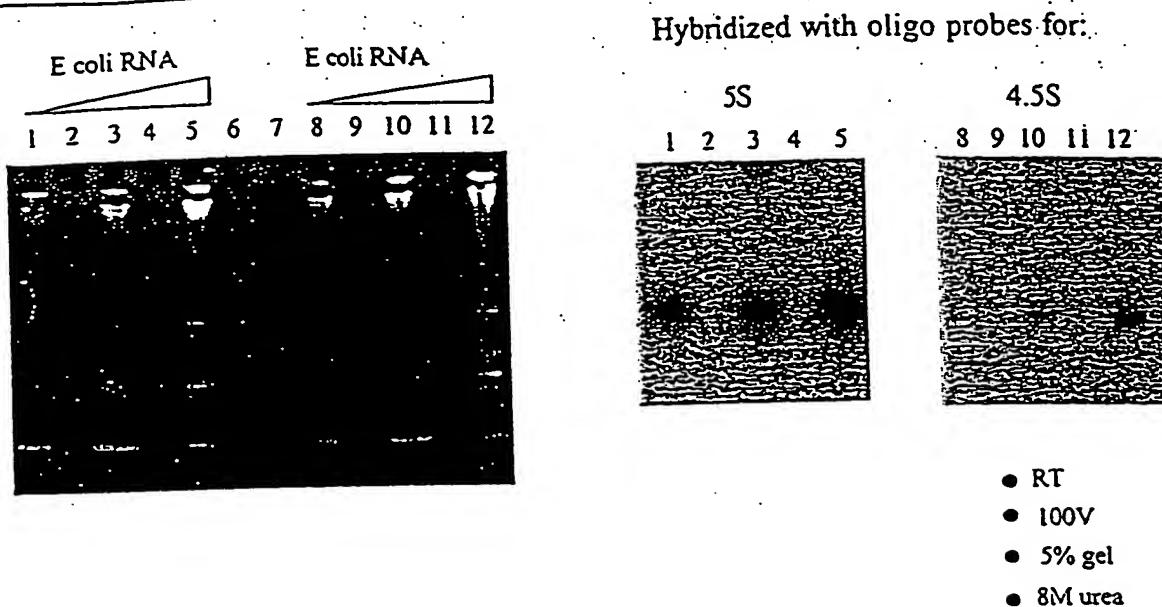
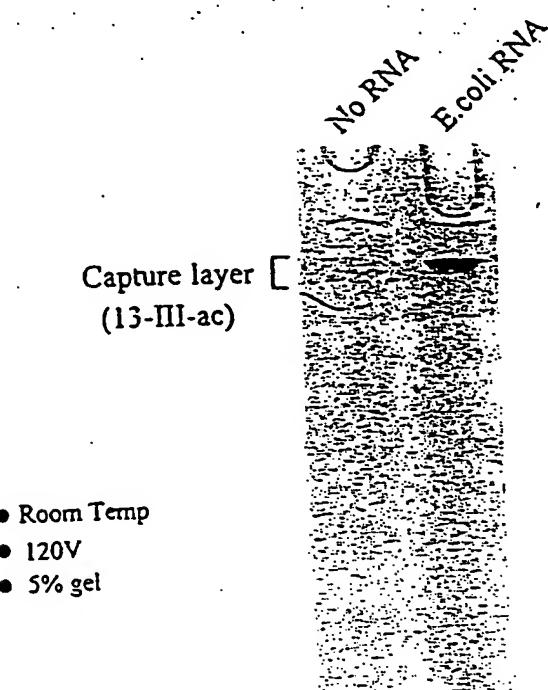


Fig. 2

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## Detection of 4.5S RNA in Cultured E.coli by Adapter-Capture and Fluorescent Sandwich Probe



$3\lambda/20$  RNA from 1 ml of overnight culture

**Fig. 3**

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## In-Gel Strand Displacement

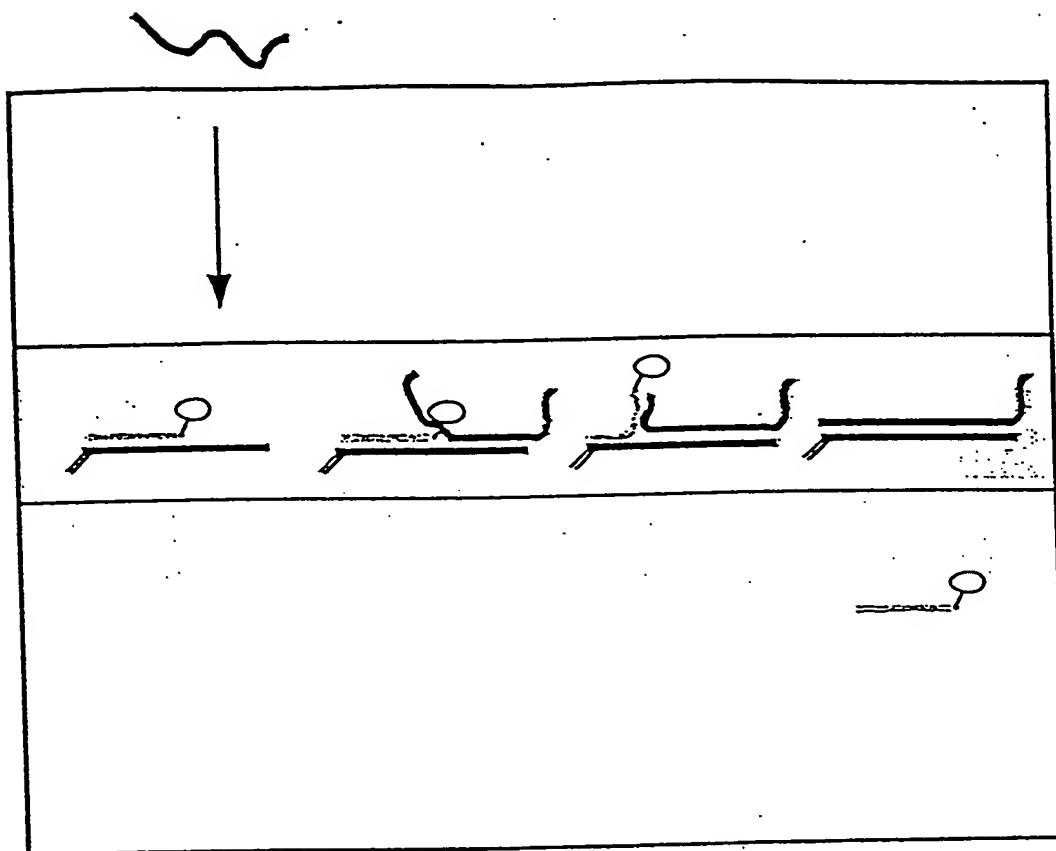


Fig. 4

## Adapters for analysis of RNA on Universal Capture Gels.

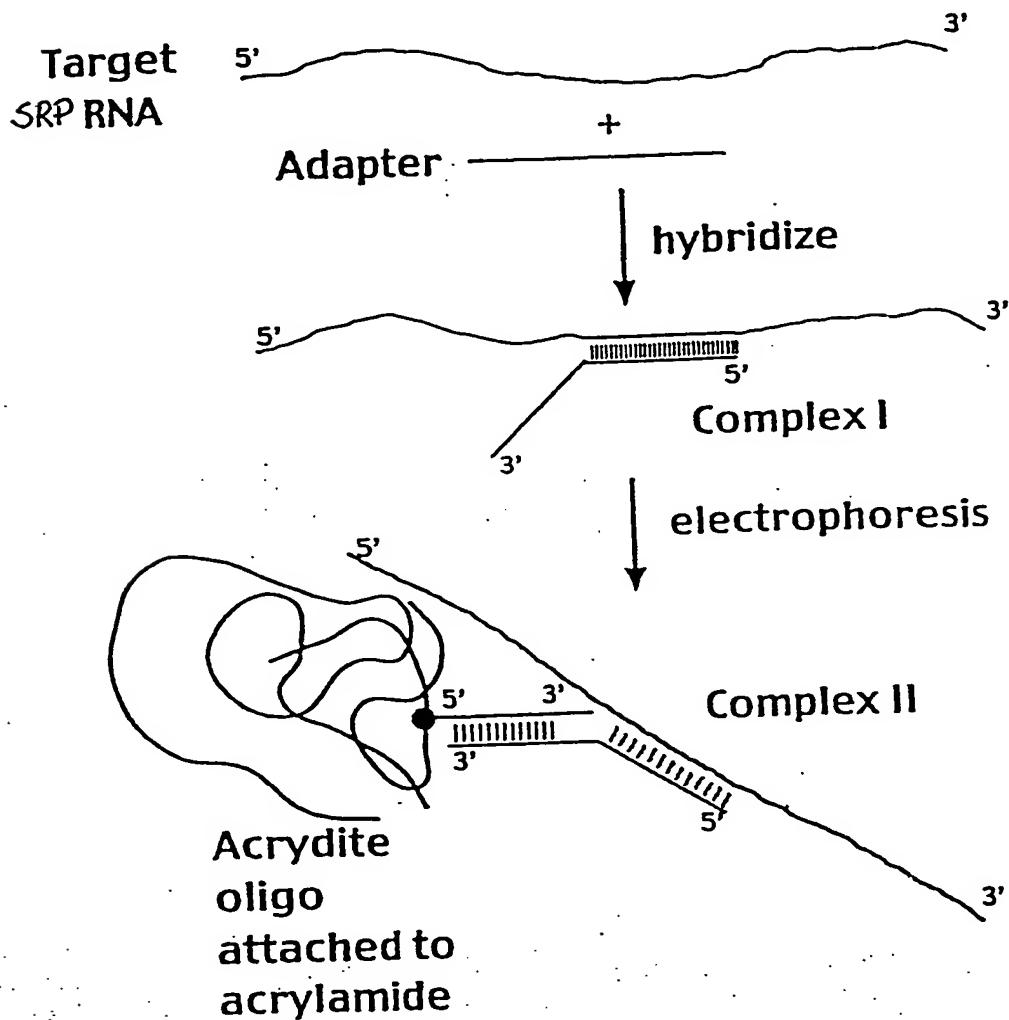


Fig. 5

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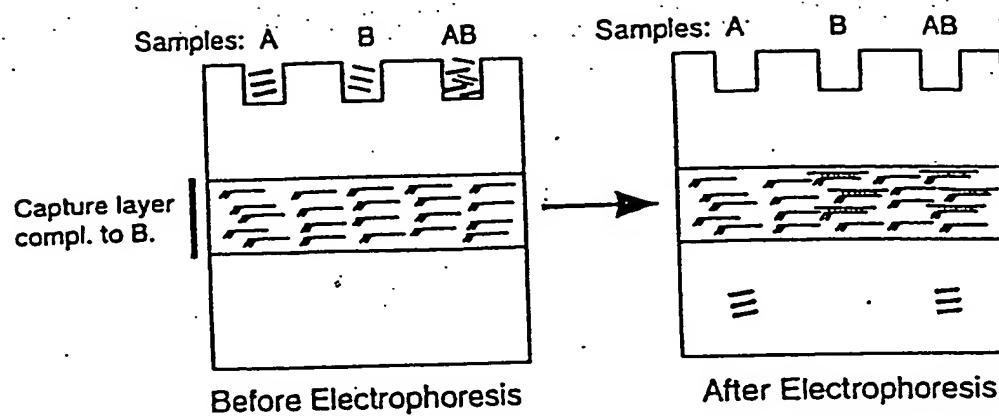


Fig. 6

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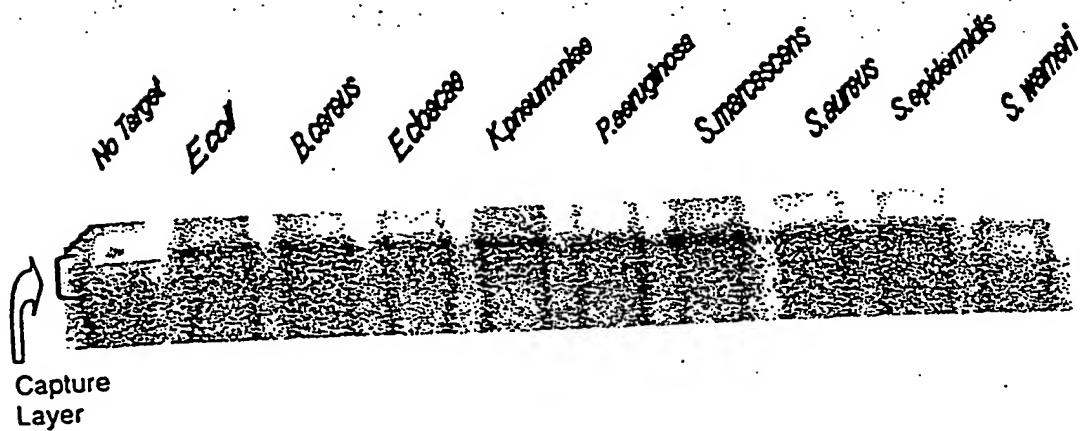


Fig. 7